

CARR JOSEPH SMITH

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Birthdate:

U.S. citizen

Current Position:

January, 1989 - Present  
Senior Scientist, R.J. Reynolds Tobacco Company

December 1986 - January 1989;  
R&D Scientist, R.J. Reynolds Tobacco Company

September 1986 - Present  
Adjunct Instructor of Pathology  
University of South Alabama College of Medicine

Education:

B.S. Biology, Minor in Chemistry. University  
of South Alabama, 1978.

Ph.D. Molecular Biophysics. Florida State  
University, 1984.

Teaching Experience:

Spring, 1985 and 1986. Course  
coordinator for "Understanding  
Cancer", University of South  
Alabama Department of Allied Health

Work

Experience: September 1986 - November 1986:  
Staff Fellow, Food and Drug Administration

September 1984 - August 1986:  
Instructor of Pathology and Allied  
Health, University of South Alabama  
College of Medicine

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Publications:

1. Carr Smith, Harold E. Van Wart, and David E. Schwartz, A Quantitative Assay for the Hydrolysis of Structurally Intact Basement Membranes, Anal. Biochem., 139, p. 448-458 (1984).
2. C.J. Smith, J.C. Smith, and M.C. Finn. Possible Role of Mast Cells (Allergy) in the Production of Keloid and Hypertrophic Scar, Journal of Burn Care and Rehabilitation, Vol. 8, No. 2, p. 125-131 (1987). (Cited in Skin and Allergy News, June 1987.)
3. C.J. Smith and W.A. Gardner. Inflammation-Proliferation: Possible Relationships in the Prostate, Chapter 3, section 5, in Current Concepts in Prostate Cancer, ed. D. S. Coffey, N. Bruchovsky, W.A. Gardner, M. I. Resnick, J. P. Karr; Alan R. Liss, New York, 1987, p. 317-325.
4. C.J. Smith, A.M. Leggett, and J.J. Lefante. Allergic Etiology of Benign Fibrocystic Changes of the Breast, Medical Hypotheses, 24, p. 21-28 (1987).
5. Carr J. Smith. Effect of a Low-Fat Diet on Hormone Levels in Women with Cystic Breast Disease, Letter to the editor in JNCI, Vol. 79, No. 3, September 1987, p. 607.
6. Denys F. LeClerc, Carr J. Smith, and E. Clifford Toren, Jr. Axial Dispersion in Coiled Tubular Reactors, Analytica Chimica Acta, 194 (1987), p. 109-117.
7. E.C. Toren and C.J. Smith. HPLC of Isoenzymes, book chapter accepted for publication in HPLC of Proteins and Macromolecules, editor, Fred Regnier. Marcel Dekker, Inc.
8. B.S. Baliga, L.J. Sindel, C.J. Smith, L.D. Jenkins, A. Bendich, and V.N. Mankad. Chemiluminescence Reponse of Polymorphonuclear Leukocytes From Vitamin E Deficient Sickle Cell Patients, Nutrition Reports International, Vol. 39, No. 4, 1989, p. 761-771.

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**Presentations (Last two years):**

"The Possible Role of Mast Cells (Allergy) in the Production of Keloid and Hypertrophic Scarring".  
Presented at Surgery Grand Rounds, November 12, 1987,  
to the Department of Surgery, University of North Carolina, Chapel Hill.

"Development of a Human Chromosome - Intact Hepatocyte Co-Cultivation System for Assessment of Mutagenicity".  
Presented at the RJR Nabisco Science Forum, November 16, 1988.

**References:**

William A. Gardner, M.D.  
Chairman of Pathology  
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E. Clifford Toren, Jr., Ph.D.  
Professor of Pathology  
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